



amdtc

SEQUENCE LISTING

<110> Schellenberger, Volker
Liu, Amy D.
Selifonova, Olga V.

<120> Directed Evolution of Microorganisms

<130> GC560-D1

<140> US 10/037,677

<141> 2001-10-23

<150> US 09/314,847

<151> 1999-05-19

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<210> 1

<211> 741

<212> DNA

<213> Escherichia coli

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acgtttgccc	aagtagccga	tgagtccatg	gactatatcc	gcggcgccga	gttggtgatc	300
cataacgcag	cgttcgatat	cggctttatg	gactacgagt	tttcggtgct	taagcgcgat	360
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aaacgaacgc	tgacgggggc	attactcgat	gcccagatcc	ttgcggaagt	ttatctggcg	540
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<213> Escherichia coli

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 Glu Phe Ser Leu Leu Lys Arg Asp Ile Pro Lys Thr Asn Thr Phe Cys
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 Arg Asn Ser Leu Asp Ala Leu Cys Ala Arg Tyr Glu Ile Asp Asn Ser
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 165 170 175
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 180 185 190
 Glu Gly Glu Thr Gln Gln Gln Gln Gly Glu Ala Thr Ile Gln Arg Ile
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 Val Arg Gln Ala Ser Lys Leu Arg Val Val Phe Ala Thr Asp Glu Glu
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Thr	Lys	Val	Lys	Phe	Val	Ile	Val	Ser	Trp	Arg	Asn	Leu	Pro	Ser	Val
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Leu	Lys	Ala	Arg	Glu	Asn	Met	Ala	Cys	Ala	Ser	Leu	Leu	Ala	Gly	Met
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 Asp Phe Pro Tyr Met Ala Glu Met Ala Leu Lys Asp Gly Asn Ala Phe
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 Gln Ala Phe
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